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UTILITY PATENT APPLICATION **TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

porte to a collection of information unless it displays a valid OMB control number.					
Attorney Docket No.	AVERP3071USA				
First Inventor	Rishikesh K. Bharadwaj				
Title	EMBOSSED ORIENTED OPTICAL.				
Express Mail Label No.	EV337312101US				

•	APPLICATION ELEMENTS upter 600 concerning utility patent application contents.	ADDRESS TO: Commiss P.O. Box	Patent Application ioner for Patents 1450 a VA 22313-1450		
(Submit an Applicant See 37 C Specifical (preferred - Descripting - Cross Region - Reference or a company - Backgroung - Brief Sung - Brief Sung - Abstract - Abstract - Claim(s) - Abstract - Claim(s) - Abstract - Claim(s) - Copy (for consideral of the consideration of the consideration of the consideral of the consideration o	intion [Total Pages 30] arrangement set forth below) ive title of the invention efference to Related Applications in Regarding Fed sponsored R & D be to sequence listing, a table, inputer program listing appendix und of the Invention immary of the Invention immary of the Drawings (if filed) Description of the Disclosure (s) (35 U.S.C. 113) [Total Sheets 7]	ii. Paper c. Statements verifyin ACCOMPANYING AI 9. Assignment Papers (co 10. 37 CFR 3.73(b) Statem (when there is an assign 11. English Translation Doc 12. Information Disclosure Statement (IDS)/PTO-1 13. Preliminary Amendmen 14. Return Receipt Postcar (Should be specifically if 15. Certified Copy of Priorit (if foreign priority is claim Nonpublication Requess (b)(2)(B)(i). Applicant moor its equivalent.	gidentity of above copies PPLICATION PARTS ver sheet & document(s)) ent Power of Attorney cument (if applicable) cument (if applicable) di (MPEP 503) itemized) y Document(s) med)		
	18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76:				
Continuation info.		Art Unit:	on No.:on No		
5b, is considered a The incorporation of	part of the disclosure of the accompanying continuated can only be relied upon when a portion has been inade	vertently omitted from the submitted appli	rincorporated by reference. cation parts.		
	19. CORRESPO	NDENCE ADDRESS			
Customer	r Number:	OR Corre	espondence address below		
	eidi A. Boehlefeld				
1 Addross L	enner, Otto, Boisselle & Sklar 621 Euclid Avenue, Nineteenth				
	leveland	State Ohio	Zip Code 44115-2191		
	.s.	Telephone (216) 621-1113	Fax (216)621-6165		
Name (Print/Type)	Heidi A. Boehlefeld	Registration No. (Attorney/Agent)	34,296		
Signature	Seid G Boenerleid	•	Date 12/12/03		

This collection of information is required by 37 CFR 1.53(b). We information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments and trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450. If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

12/12/03

Date

Signature

TRANSMITTAL for FY 2003

Effective 01/01/2003. Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27

1004.00 **TOTAL AMOUNT OF PAYMENT** (\$)

Complete if Known				
Application Number	Not yet assigned			
Filing Date	Herewith			
First Named Inventor	Rishikesh K. Bharadwaj			
Examiner Name	Not yet assigned			
Art Unit	Not yet assigned			
Attorney Docket No.	AVERP3071USA			

METHOD OF PAYMENT (check all that apply)	FEE CALCULATION (continued)			
Check Credit card Money Other None	3. ADDITIONAL FEES			
Order Order	Large Entity Small Entity			
Deposit Deposit	Fee Fee Fee Fee Fee Description			
Account 18-0988		e Paid		
Number Deposit Renner, Otto, Boisselle &	1051 130 2051 65 Surcharge - late filing fee or oath 1052 50 2052 25 Surcharge - late provisional filing fee or			
Account Name Sklar, LLP	cover sheet			
The Director is authorized to: (check all that apply)	1053 130 1053 130 Non-English specification			
Charge fee(s) indicated below Credit any overpayments	1812 2,520 1812 2,520 For filing a request for ex parte reexamination			
Charge any additional fee(s) during the pendency of this application	1804 920* 1804 920* Requesting publication of SIR prior to Examiner action			
Charge fee(s) indicated below, except for the filing fee	1805 1,840* 1805 1,840* Requesting publication of SIR after			
to the above-identified deposit account.	Examiner action	 		
FEE CALCULATION	1251 110 2251 55 Extension for reply within first month	- 11		
1. BASIC FILING FEE	1252 420 2252 210 Extension for reply within second month			
Large Entity Small Entity Fee Fee Fee Fee Pee Description Fee Paid	1253 950 2253 475 Extension for reply within third month			
Code (\$) Code (\$)	1254 1,480 2254 740 Extension for reply within fourth month			
1001 770 2001 385 Utility filing fee 770	1255 2,010 2255 1,005 Extension for reply within fifth month			
1002 340 2002 170 Design filing fee	1401 330 2401 165 Notice of Appeal	 -		
1003 530 2003 265 Plant filing fee	1402 330 2402 165 Filing a brief in support of an appeal	——		
1004 770 2004 385 Reissue filing fee	1403 290 2403 145 Request for oral hearing			
1005 160 2005 80 Provisional filing fee	1451 1,510 1451 1,510 Petition to institute a public use proceeding			
SUBTOTAL (1) (\$) 770.00	1452 110 2452 55 Petition to revive - unavoidable			
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE	1453 1,330 2453 665 Petition to revive - unintentional			
Fee from	1501 1,330 2501 655 Utility issue fee (or reissue)			
Extra Claims below Fee Paid Total Claims 33 -20** = 13 X 18 = 234	1502 480 2502 240 Design issue fee			
Independent 2 3** 0 Y 86 - 0	1503 640 2503 320 Plant issue fee			
Claims 2 -3 - 0 \ Multiple Dependent	1460 130 1460 130 Petitions to the Commissioner			
` ` <u> </u>	1807 50 1807 50 Processing fee under 37 CFR 1.17(q)			
Large Entity Small Entity Fee Fee Fee Fee Fee Description	1806 180 1806 180 Submission of Information Disclosure Stmt			
Code (\$) Code (\$)	8021 40 Recording each patent assignment per property (times number of properties)			
1202 18 2202 9 Claims in excess of 20	1809 770 2809 385 Filing a submission after final rejection			
1201 86 2201 43 Independent claims in excess of 3 1203 290 2203 145 Multiple dependent claim, if not paid	(37 CFR 1.129(a)) 1810 770 2810 385 For each additional invention to be			
1204 86 2204 43 ** Reissue independent claims	1810 770 2810 385 For each additional invention to be examined (37 CFR 1.129(b))	}		
over original patent	1801 770 2801 385 Request for Continued Examination (RCE)			
1205 18 2205 9 ** Reissue claims in excess of 20 and over original patent	1802 900 1802 900 Request for expedited examination			
[m. 224 22]	of a design application Other fee (specify)			
SUBTOTAL (2) (\$) 234.00	*Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$)			
or number previously paid, if greater, For Ressues, see above				
SUBMITTED BY (Complete (if applicable) Registration No. 24 206 Telephone (216) 621 111				
Mama (Print/Tuna) I tt = 2 -2 - 3 - 53 - 5 3 - 5	Registration No. 24 20C Telephone (216) 621-11:	1 2		

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